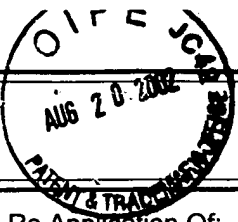


1745



TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
112857-037

In Re Application Of: **Tadashi Senoo, et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/162,992	September 30, 1998	T. Dove	1745

Title: **GEL ELECTRODE SECONDARY CELL**

COPY OF PAPERS
ORIGINALLY FILED

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Response to Office Action (5 pgs.); and return receipt postcard.

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **02-1818** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Signature

Dated: **August 9, 2002**

Thomas C. Basso
Reg. No. 46,541
BELL, BOYD & LLOYD LLC
P.O. Box 1135
Chicago, IL 60690-1135
Phone: 312/807-4310

RECEIVED
AUG 22 2002
TC 1700

I certify that this document and fee is being deposited on 08-09-2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20237.

Signature of Person Mailing Correspondence

Robert M. Buccieri

Typed or Printed Name of Person Mailing Correspondence

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tadashi Senoo, et al.
Appl. No.: 09/162,992
Filed: September 30, 1998
Title: GEL ELECTRODE SECONDARY CELL
Art Unit: 1745
Examiner: T. Dove
Docket No.: 112857-037

#24/5
9.42
COPY OF PAPERS
ORIGINALLY FILED

Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO OFFICE ACTION

Sir or Madam:

In response to the Office Action dated May 9, 2002, please amend the above-identified patent application as follows:

In the Claims:

Please amend claim 12 as follows:

12. (Twice Amended) A gel electrolyte secondary cell comprising:

a positive electrode;

a negative electrode comprising a current collector and a powder mixture including a graphitized carbonaceous material obtained from a plurality of meso-carbon micro-beads and a binder, wherein the powder mixture is coated on the current collector at a thickness ranging from 10 μm to 200 μm ; and

a gel electrolyte comprising an electrolyte salt, a non-aqueous solvent at least including propylene carbonate in an amount ranging from 10 mol% to 75 mol%, ethyl carbonate and a high-molecular weight material having a number average molecular weight ranging from 5000 to 500000.

112 2912
PD 14
RECEIVED
AUG 2 2 2002
TC 1700